



Mapped, edited, and published by the Geological Survey
Base by National Oceanic and Atmospheric Administration,
National Ocean Service, Additional topography and
enhancements in some locations by Florida Department of
Environmental Protection, Florida Marine Research Institute,
Projection and 10 000-meter grid lines
Universal Transverse Mercator zone 17
North American Datum of 1983

UTM GRID AND 1983 MAGNETIC
DECLINATION AT CENTER OF SHEET

SCALE 1:150 000
1 INCH = 12.5 MILES
CONTOUR INTERVAL 5 ppt SALINITY
0 5 10 15 20 25 30 METERS



Salinity data collected by K. Ludwig and
M. Moyle of the U.S. Geological Survey
between 14-17 August 1995. Data provided
by the National Park Service, Everglades
National Park was collected at monitoring
stations between 14-17 August 1995.
Data provided by South Florida Water
Management District was collected by the
Southeast Environmental Research Program
of Florida International University on
10-11 August 1995.
Salinity is calculated using Unesco
algorithms from conductivity and
temperature field measurements.
Contours are based on interpolation and
trends within the data set,
developed and smoothed using
contouring software.
This map has not been reviewed for
conformity with U.S. Geological Survey
editorial standards.

FLORIDA BAY SURFACE SALINITIES

August 1995

By

Robert Halley,¹ Dewitt Smith,² and Mark Hansen¹

1995



¹ Center for Coastal Geology and
Regional Marine Studies
U.S. Geological Survey
St. Petersburg, FL

² South Florida Natural Resources Center
Everglades National Park
Homestead, FL